

ATTACHMENT C-1

NORTHEAST MESA ROUTE 532 EXPRESS - PROJECT BUDGET

ADOT's Cost Per unit of Service (Passenger Trips)	\$ 2.15
Total Number of Passengers During Contract Period	25,600
Total ADOT Cost Not to Exceed	\$ 45,000

Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 45,000
City of Mesa	\$ 10,000
Farebox	\$ 12,500
RPTA	\$ 5,700
Federal Assistance	\$ 9,500
TOTAL	\$ 82,700

ATTACHMENT C-2

SCOTTSDALE ROUTE 72 EXTENSION - PROJECT BUDGET

ADOT's Cost Per unit of Service (Passenger Trips)	\$ 0.81
Total Number of Passengers During Contract Period	30,000
Total ADOT Cost Not to Exceed	\$ 37,000

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Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 37,000
City of Scottsdale	\$ 8,775
Princess Hotel	\$ 6,750
RPTA	\$ 29,677
Crackerjax	\$ 3,000
TOTAL	\$ 85,202

ATTACHMENT C-3

TEMPE ROUTE 56 - PROJECT BUDGET

ADOT's Cost Per unit of Service (Passenger Trips)	\$ 0.46
Total Number of Passengers During Contract Period	103,786
Total ADOT Cost Not to Exceed	\$ 50,000

Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 50,000
City of Tempe	\$ 72,429
Federal Operating Subsidy	\$ 24,140
Northwest Tempe Transportation Network	\$ 1,000
Farebox	\$ 25,866
TOTAL	\$174,075

ATTACHMENT C-4

CHANDLER ROUTE 156 EXTENSION - PROJECT BUDGET

ADOT's Cost Per unit of Service (Passenger Trips)	\$ 0.17
Total Number of Passengers During Contract Period	85,908
Total ADOT Cost Not to Exceed	\$ 15,000

Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 15,000
City of Chandler	\$ 21,892
Federal Operating Subsidy	\$ 3,790
Chandler Business Community	\$ 6,500
Farebox	\$ 4,777
TOTAL	\$ 51,959

ATTACHMENT C-5

PHOENIX DIAL-A-RIDE AVL SYSTEM - PROJECT BUDGET

ADOT's Cost Per unit of Service	\$.18
Total Number of Passengers to be served by the AVL system	230,000
Total ADOT Cost Not to Exceed	\$ 40,000

Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 40,000
Federal Grant	\$120,000
TOTAL	\$160,000

ATTACHMENT C-6

PHOENIX TRANSIT PROMOTIONAL FOR SENIOR CITIZENS - PROJECT BUDGET

ADOT's Cost Per unit of Service	\$.32
Total Number of Passengers to be served by the AVL system	46,000
Total ADOT Cost Not to Exceed	\$ 15,000

Funding Sources by Source/Amount

ADOT Air Quality Fund	\$ 15,000
RPTA	\$ 2,000
Federal Transit Administration	\$ 8,000
Phoenix Transit	in-kind
Community Forum	in-kind
TOTAL	\$ 25,000
	plus in-kind services

ATTACHMENT D

FINAL PROGRESS REPORT FORMAT

- A. Summary of activities of demonstration project.
- B. Monthly reductions in SOV'S (single occupant vehicles) resulting from the project with corresponding reduction in vehicle miles.
- C. Monthly reductions in pollutants (Pollution Calculation Formula attached) resulting from the project.
- D. Projected monthly reductions in SOV's and vehicle miles for one year following project.
- E. Projected monthly reductions in pollutants for one year following the project.
- F. Ridership data including groups of people served by the project, employers, geographic area and activity centers.
- G. Self-sufficiency potential for local commitment following project.
- H. Assessment of success or failure of the project.

APPENDICES

Any photographs, maps, brochures, and related supportive documentation would be welcomed and desirable.

ATTACHMENT E

Pollution Calculation Formula

The method to compute the pollution reduction includes the following steps:

First, calculate the number of fewer cars on the road resulting from this project. The formula to arrive at this figure is to divide the projected ridership (bus, car/vanpool) by the Average Vehicle Occupancy (AVO). *

$$\text{Number of Fewer Cars} = \frac{\text{Projected Ridership}}{\text{AVO}}$$

Secondly, calculate the number of miles not driven due to the project. This is done by multiplying the number of fewer cars by the average distance of each type of trip (bus, car/vanpool). **

$$\text{Number of miles not driven} = (\text{No. of fewer cars}) \times (\text{Average trip length} - \text{bus, car/vanpool})$$

Thirdly, calculate the reduction in carbon monoxide, nitrogen oxides and hydrocarbons. This is done by multiplying the number of miles not driven by emissions of the pollutant per mile which are: ***

Carbon Monoxide (CO):	11 gms/mile
Nitrogen Oxide (NOX):	2.22 gms/mile
Hydrocarbons (NMHC):	3.00 gms/mile

$$\text{Reduction of pollutant} = (\text{No. of miles not driven}) \times (\text{Emissions of pollutant per mile})$$

The unit of measurement for the above pollution reduction is in grams. To convert grams into pounds, divide the reduction in grams by 453.59; to convert into tons, divide the reduction in pounds by 2000.

Notes

- * The Average Vehicle Occupancy (AVO) will vary according to locality.
- ** The average distance for each bus trip will vary depending on type of bus, service and locality. The average length of trip for car/vanpool will vary according to locality.
- *** Source: Arizona Department of Environmental Quality